



2664 #2
S.I.
02-13-04

PATENT
Attorney Docket No. 214678
Client Reference No. 72011.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BAHL et al.

Group Art Unit: 2664

Application No. 10/014,104

Examiner: Unassigned

Filed: December 11, 2001

For: CHANNEL ACCESS SCHEME FOR USE
IN NETWORK COMMUNICATIONS

CERTIFICATE OF MAILING
I hereby certify that this INFORMATION DISCLOSURE
STATEMENT (along with any documents referred to as being
attached or enclosed) is being deposited with the United
States Postal Service on the date indicated below with
sufficient postage as first class mail in an envelope
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Date 2/5/04 Signature Susan Matz

INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
- after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
 - the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
 - or*
 - the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

Copies of the References

- Copies of the references listed on the enclosed Form 1449 are enclosed herewith. Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
- A copy of the foreign search report is enclosed herewith.
- The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not

submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status (check one)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1. 09/169,418	October 9, 1998	X		
2.				
3.				

Statement under 37 CFR 1.97(e)

- The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement under 37 CFR 1.704(d)

- The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Fees

- No fee is owed by the applicant(s).
- The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

Method of Payment of Fees

- Attached is a check in the amount of \$.
- Charge Deposit Account No. 12-1216 in the amount of \$. (A duplicate copy of this communication is enclosed for that purpose.)

Authorization to Charge Additional Fees

If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

Instructions as to Overpayment

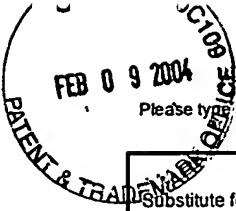
Credit Account No. 12-1216.
 Refund



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Date: February 5, 2004

IDS (Revised 5/21/03)



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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/014,104
				Filing Date	December 11, 2001
				First Named Inventor	BAHL et al.
				Group Art Unit	2664
				Examiner Name	Unassigned
Sheet	1	of	3	Attorney Docket Number	214678

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U.S. PATENT DOCUMENTS					
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication
		Application or Patent Number	Kind Code		
AA	4,751,742			Meeker	06/04/1998
AB	4,797,742			Sugiyama et al.	01/10/1989
AC	4,821,119			Gharavi	04/11/1989
AD	5,001,561			Haskell et al.	03/19/1991
AE	5,109,528			Uddenfeldt	04/28/1992
AF	5,115,309			Hang	05/19/1992
AG	5,214,789			George	05/25/1993
AH	5,216,503			Paik et al.	06/01/1993
AI	5,315,670			Shapiro	05/24/1994
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AK	5,436,665			Ueno et al.	07/25/1995
AL	5,455,629			Sun et al.	10/03/1995
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AN	5,526,052			Ar	06/11/1996
AO	5,543,845			Asamura et al.	08/06/1996
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AS	5,625,713			Allen et al.	04/29/1997
AT	5,629,780			Watson	05/13/1997
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AW	5,764,805			Martucci et al.	06/09/1998
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BB	5,896,176			Das et al.	04/20/1999
BC	5,926,476			Ghaibeh	07/20/1999
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BE	5,943,347			Shepard	08/24/1999
BF	5,953,344			Dail et al.	09/14/1999
BG	5,990,933			Ozone et al.	11/23/1999
BH	5,995,668			Corset et al.	11/30/1999
BI	6,002,802			Chujioh et al.	12/14/1999
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BK	6,020,931			Bilbrey et al.	02/01/2000
BL	6,035,073			Kaup	03/07/2000
BM	6,052,598			Rudrapatna et al.	04/18/2000
BN	6,055,339			Wilkinson	04/25/2000
BO	6,078,616			Ozcelik et al.	06/20/2000

Examiner Signature Date Considered

- A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

<p>Substitute for form 1449A/B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				<p><i>Complete if Known</i></p> <table border="1"> <tr> <td>Application Number</td> <td>10/014,104</td> </tr> <tr> <td>Filing Date</td> <td>December 11, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>BAHL</td> </tr> <tr> <td>Group Art Unit</td> <td>2664</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> </table>		Application Number	10/014,104	Filing Date	December 11, 2001	First Named Inventor	BAHL	Group Art Unit	2664	Examiner Name	Unassigned
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Sheet	2	of	3	Attorney Docket Number	214678										

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FOREIGN PATENT DOCUMENTS

OTHER - NON PATENT LITERATURE DOCUMENTS

OTHER - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s); volume-issue number (s), publisher, city and/or country where published.	Translation
			Yes No++
	B X	ZHANG et al., "Variable Bit-Rate Video Transmission in the Broadband ISND Environment", Proceedings of the IEEE, Vol. 79, No. 2 (February 1991), pp. 214-222	
	B Y	KHANSARI et al., "Low Bit-Rate Video Transmission Over Fading Channels for Wireless Microcellular Systems", IEEE Trans. on Circuits and Systems for Video Tech, Vol. 6, No. 1 (February 1996), pp. 1-11	
	B Z	PODOLSKY, et al., "Limited Retransmission of Real-Time Layered Multimedia Signal Processing, (December 1998), pp. 591-596	
	C A	MOLLOY, et al., "A Video Codec Chipset for Wireless Multimedia Networking", IEEE Sign. Proc. Society Workshop on VLSI Signal Processing, (September 1995), pp. 381-390	

Examiner Signature		Date Considered	
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OTHER - NON PATENT LITERATURE DOCUMENTS

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